

BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF HAWAII

|                               |   |                      |
|-------------------------------|---|----------------------|
| ----- In the Matter of -----  | ) |                      |
|                               | ) |                      |
| PUBLIC UTILITIES COMMISSION   | ) | DOCKET NO. 2018-0088 |
|                               | ) |                      |
| Instituting a Proceeding      | ) |                      |
| To Investigate                | ) |                      |
| Performance-Based Regulation. | ) |                      |
| _____                         | ) |                      |

ORDER NO.    37802

ADDRESSING THE HAWAIIAN ELECTRIC COMPANIES' PROPOSED PERFORMANCE  
INCENTIVE MECHANISM PROVISION TARIFFS, FILED MAY 24, 2021

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ADDRESSING THE HAWAIIAN ELECTRIC COMPANIES' PROPOSED PERFORMANCE  
INCENTIVE MECHANISM PROVISION TARIFF, FILED MAY 24, 2021

By this Order,<sup>1</sup> the Public Utilities Commission ("Commission") approves, subject to certain modifications, Hawaiian Electric's proposed draft Performance Incentive Mechanism

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<sup>1</sup>The Parties to this proceeding are HAWAIIAN ELECTRIC COMPANY, INC. ("HECO"), HAWAII ELECTRIC LIGHT COMPANY, INC. ("HELCO"), MAUI ELECTRIC COMPANY, LTD. ("MECO") (collectively, HECO, HELCO, and MECO are referred to as "Hawaiian Electric" or the "Companies") and the DIVISION OF CONSUMER ADVOCACY, an ex officio party, pursuant to Hawaii Revised Statutes § 269-51 and Hawaii Administrative Rules § 16-601-62(a). Additionally, the Commission has granted the following entities intervenor status: CITY AND COUNTY OF HONOLULU, COUNTY OF HAWAII, BLUE PLANET FOUNDATION, HAWAII PV COALITION, HAWAII SOLAR ENERGY ASSOCIATION, LIFE OF THE LAND, ULUPONO INITIATIVE, LLC, and DER COUNCIL OF HAWAII. Order No. 35542, "Admitting Intervenors and Participant and Establishing a Schedule of Proceedings," filed June 20, 2018. The Commission has also granted participant status to ADVANCED ENERGY ECONOMY INSTITUTE. Id.

The COUNTY OF MAUI was formerly an intervenor, but has since withdrawn from this proceeding. See Order No. 36252, "Granting the County of Maui's Motion to Withdraw," filed April 3, 2019.

("PIM") Provision Tariff, submitted on May 24, 2021 ("Proposed PIM Tariff").<sup>2</sup> The Commission's modifications, discussed herein, are reflected in the exhibit attached to this Order. Hawaiian Electric shall re-submit final versions of the PIM Tariff for each of the Companies on June 1, 2021, with an effective date of June 1, 2021.

I.

BACKGROUND

On December 23, 2020, the Commission issued Decision and Order No. 37507 ("D&O 37507"), which established a PBR Framework to govern Hawaiian Electric. Briefly, the PBR Framework incorporates: (1) an annual adjustment to Hawaiian Electric's target revenues, based on an Annual Revenue Adjustment formula ("ARA"); and (2) a suite of performance incentive mechanisms ("PIMs") that provide Hawaiian Electric with the opportunity to earn additional revenues based on exemplary performance in key areas.<sup>3</sup> In particular, D&O 37507 approved the following PIMs:<sup>4</sup>

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<sup>2</sup>Letter From: D. Matsuura To: Commission Re: Docket No. 2018-0088 - Instituting a Proceeding to Investigate Performance-Based Regulation; Hawaiian Electric Companies' Proposed Draft Tariffs, filed May 24, 2021.

<sup>3</sup>See D&O 37507 at 14-17 (summarizing the PBR Framework).

<sup>4</sup>See D&O 37507 at 15.

- **RPS-A:** a PIM designed to incent Hawaiian Electric to accelerate the achievement of its Renewable Portfolio Standards goals, promoting the Outcomes of *DER Asset Effectiveness, Customer Engagement, Interconnection Experience, Cost Control, Affordability, Grid Investment Efficiency, and GHG Reduction.*
- **Grid Services PIM:** a PIM designed to promote *DER Asset Effectiveness*, as well as *Grid Investment Efficiency*, by incenting the expeditious acquisition of grid services capabilities from DERs.
- **Interconnection Approval PIM:** a PIM designed to promote *Interconnection Experience* by incenting faster interconnection times for DER systems <100 kW, while penalizing underperformance.
- **LMI Energy Efficiency PIM:** a PIM intended to promote *Customer Engagement*, as well as *Customer Equity*, and *Affordability*, by incenting collaboration between Hawaiian Electric and Hawaii Energy, the third-party Public Benefits Fee Administrator, to deliver energy savings for low- and moderate-income ("LMI") customers.
- **AMI Utilization PIM:** a PIM intended to promote *Customer Engagement* and *DER Asset Effectiveness*, as well as *Grid Investment Efficiency*, by incenting acceleration of the number of customers with advanced meters enabled to support time-varying rates and next generation DER programs.

In addition, D&O 37507 affirmed that the existing PIMs for reliable service, based on SAIDI/SAIFI ("Reliability PIMs"), and Hawaiian Electric's call center performance ("Call Center



PIM") would continue and may be updated as part of the PBR Framework.<sup>5</sup>

While D&O 37507 established final versions of the RPS-A PIM and Grid Services PIM, it identified certain aspects of the Interconnection Approval PIM, LMI Energy Efficiency PIM, and AMI Utilization PIM that required further consideration.<sup>6</sup> D&O 37507 also established an informal working group ("Working Group") "to serve as a forum during the [Multi-Year Rate Period] to continuously introduce, examine, and vet new Performance Mechanism proposals, as well as explore modifications to existing PIMs."<sup>7</sup> However, the Commission initially tasked the Working Group with resolving the final details for the Interconnection Approval PIM, LMI Energy Efficiency PIM, and AMI Utilization PIM, in addition to finalizing a portfolio of Scorecards and Reported Metrics.<sup>8</sup> The Commission also established a procedural schedule for this initial phase of the Working Group.<sup>9</sup>

On February 16, 2021, Hawaiian Electric submitted draft tariffs addressing the revenue mechanism components of the

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<sup>5</sup>See D&O 37507 at 149-150.

<sup>6</sup>See D&O 37507 at 103-104, 129, and 143.

<sup>7</sup>D&O 37507 at 162.

<sup>8</sup>D&O 37507 at 163-164.

<sup>9</sup>D&O 37507 at 162-166.

PBR Framework, including the Annual Revenue Adjustment and Revenue Balancing Account mechanisms, as well as amendments to effectuate the ultimate termination of the Revenue Adjustment Mechanism tariff ("revenue tariffs").<sup>10</sup> As part of the revenue tariffs, Hawaiian Electric included proposed PIM tariff language for the SAIDI/SAFI, Call Center, RPS-A, and Grid Services PIMs. On March 23, 2021, the Commission issued Order No. 37696, which approved, subject to modification, Hawaiian Electric's revenue tariffs.<sup>11</sup> In so doing, the Commission modified certain portions of the draft tariff language for the RPS-A and Grid Services PIMs.<sup>12</sup>

Pursuant to the procedural schedule, the Working Group met on February 9, February 23, and March 9 to discuss the Interconnection Approval PIM, LMI Energy Efficiency PIM, and AMI Utilization PIM.

On March 16, 2021, pursuant to the initial Working Group procedural schedule, the Parties filed briefs on their proposed initial portfolio of PIMs and other performance mechanisms.

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<sup>10</sup>Letter From: D. Matsuura To: Commission Re: Docket No. 2018-0088 - Instituting a Proceeding to Investigate Performance-Based Regulation; Hawaiian Electric Companies Draft Tariffs, filed February 16, 2021.

<sup>11</sup>Order No. 37696, "Addressing the Hawaiian Electric Companies' Proposed Final Tariffs, Filed March 5, 2021," filed March 23, 2021 ("Order No. 37696").

<sup>12</sup>See Order No. 37696 at 22.

Following an opportunity to issue information requests, the Parties subsequently filed briefs containing their refined proposals on April 9, 2021.

On May 17, 2021, the Commission issued Decision and Order No. 37787 ("D&O 37787"), which, inter alia, approved the final versions of the Interconnection Approval PIM, LMI Energy Efficiency PIM, and AMI Utilization PIM. D&O 37787 instructed Hawaiian Electric to submit draft tariffs within one week for the Commission's review and approval.

On May 24, 2021, consistent with D&O 37787, Hawaiian Electric submitted its Proposed PIM Tariff for each of the Companies.

## II.

### DISCUSSION

In general, the Commission finds Hawaiian Electric's Proposed PIM Tariff reasonable and consistent with D&O 37787 and appreciates Hawaiian Electric's efforts in preparing the Proposed PIM Tariff promptly to meet the anticipated June 1 effective date. Upon review, the proposed language for the PIM tariff, including the Introduction, Reliability PIMs, Call Center PIM, RPS-A PIM, and Grid Services PIM are consistent

with the modifications the Commission made in Order No. 37696.<sup>13</sup> Similarly, much of the proposed tariff language for the Interconnection Approval PIM, LMI Energy Efficiency PIM, and AMI Utilization PIM are taken directly from or substantively based on D&O 37787.<sup>14</sup>

In addition, Hawaiian Electric has proposed several adjustments to the Interconnection Approval PIM and LMI Energy Efficiency PIM, including: (1) removing the "Validation" step for customers who elect to use the Quick Connect Pilot or Early Energization option for the Interconnection Approval PIM; (2) allowing Hawaiian Electric to include the LMI Energy Efficiency PIM as part of the Fall Revenue Report; and (3) clarifying that any LMI Energy Efficiency PIM award will be allocated 70% to HECO, 15% to HELCO, and 15% to MECO.<sup>15</sup> Hawaiian Electric also proposes holding an informal Working Group meeting to clarify the "understanding of the inputs required for the metric calculations

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<sup>13</sup>Compare Order No. 37696, Exhibit at Sheet Nos. 98-98D.3, to Proposed PIM Tariff, Sheet Nos. 98-98D.3.

<sup>14</sup>Compare D&O 37787 at 8-9, 14-18 and 21 to Proposed PIM Tariff, Sheet Nos. 98D.3.1-98D.3.4 (Interconnection Approval PIM); D&O 37787 at 21-23, 29-32, and 46 to Proposed PIM Tariff, Sheet Nos. 98D.3.5-98D.3.10 (LMI Energy Efficiency PIM); and D&O 37787 at 52-54 to Proposed PIM Tariff, Sheet Nos. 98D.3.11-98D.3.12 (AMI Utilization PIM).

<sup>15</sup>See Proposed PIM Tariff, transmittal letter at 1-3.

for the LMI Energy Efficiency PIM.”<sup>16</sup> The Commission addresses each of these proposals in turn.

The Commission does not object to the removal of the “Validation” step for the Quick Connect and Early Energization processes. As described by Hawaiian Electric, removal of this step should not impact the PIM’s ultimate goal of incenting faster energization of customers’ systems.<sup>17</sup> However, the Commission will monitor Hawaiian Electric’s overall interconnection performance, and may make adjustments to the PIM design during the course of the multi-year rate plan, as appropriate.

The Commission does not oppose Hawaiian Electric’s request to include evaluation of the LMI Energy Efficiency PIM in the Fall Revenue Report, but clarifies that this merely allows Hawaiian Electric to seek a performance reward at that time. The Commission observes that this is consistent with the language of the Proposed PIM Tariff, which offers any of the Companies the opportunity to seek a Performance Incentive Adjustment as part of the Fall Revenue Report.<sup>18</sup> Thus, while Hawaiian Electric may

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<sup>16</sup>Proposed PIM Tariff, transmittal letter at 2.

<sup>17</sup>Proposed PIM Tariff, transmittal letter at 1-2 (Hawaiian Electric clarifies that under the Quick Connect and Early Energization programs, customer energization will precede the “Validation” step).

<sup>18</sup>See Proposed PIM Tariff, Sheet No. 98.1 (“If Measured performance results are known by October 31 of an Evaluation Period, the Company may seek to have those results included in the

include a request for the LMI Energy Efficiency PIM in the Fall Revenue Report, it must still satisfy its burden of showing that any claimed reward under this PIM is supported by verified savings, peak demand reductions, and/or program participation, as specifically set forth in the tariff language for this PIM. Relatedly, to the extent that limiting inclusion of the LMI Energy Efficiency PIM to the Spring Revenue Report may raise concerns related to lag, as suggested by Hawaiian Electric, this is an implementation detail that may be addressed as part of the informal Working Group meeting for the LMI Energy Efficiency PIM, discussed below.

Regarding allocation of rewards under the LMI Energy Efficiency PIM, the Commission agrees with Hawaiian Electric's proposal, and any award for this PIM shall be allocated among Hawaiian Electric as 70% to HECO, 15% to HELCO, and 15% to MECO.

As to Hawaiian Electric's request for an informal Working Group meeting to discuss inputs required for the metric calculations for the LMI Energy Efficiency PIM, the Commission finds this request reasonable. The Commission confirms, however, that this meeting will not involve material changes to the LMI Energy Efficiency PIM, but is intended to ensure that involved

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Company's Fall Revenue Report as provided in the RBA Provision for a Performance Incentive Adjustment that begins January 1 of the year following the Evaluation Period.").

parties have an understanding of the mechanics and operation of the PIM. Commission staff will coordinate with Hawaiian Electric and subsequently provide meeting details to the Parties.

In sum, the Commission approves the PIM tariff modifications proposed by Hawaiian Electric, as set forth above. In addition, the Commission has several clarifying modifications of its own to the Proposed PIM Tariff, which are discussed below.<sup>19</sup>

- Sheet No. 98 ("PIM Provision Transmittals"). Tariff language is modified to read: "The Company will be prepared to provide information as may be requested to ensure the schedules are in compliance with the ~~above~~ provisions herein and will work collaboratively to reach agreement on any proposed adjustments." This modification clarifies that the information to be provided by Hawaiian Electric in its transmittals should be consistent with the PIM tariff as a whole, not just the provisions in the "Introduction."
- Sheet No. 98A ("Evaluation Period"). Tariff language is modified to read: "Except as otherwise specified, the Evaluation Period is defined as the annual twelve month calendar year period ending December 31, . . . ."

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<sup>19</sup>The edits discussed herein, and noted in the blackline exhibit to this Order, have been made to those tariff sheets applicable to HECO, with the intent that similar changes be made to applicable tariff sheets for HELCO and MECO in Hawaiian Electric's June 1, 2021 submittal required below.

This modification accommodates the Evaluation Period for the LMI Energy Efficiency PIM, which is based on Hawaii Energy's program year.<sup>20</sup>

- Sheet No. 98D.3 ("Grid Service Performance Mechanism"). Tariff language is modified to read: "(2) measures and programs approved in the DER docket (Docket No. 2019-0323) . . . ." This clarifies the specific docket number for the pertinent DER docket.
- Sheet No. 98D.3.2 ("Interconnection Process Table"). The blank cell in the "Customer Group" column, between "Quick Connect Pilot" and "Traditional Interconnection" should be labeled "Early Energization."<sup>21</sup> This corrects what appears to be a typographical error.
- Sheet No. 98D.4 ("Commission's Authority"). Tariff language is amended to read: "The Commission may suspend, modify, or terminate any or all parts of this PIM Provision. ~~Such~~Any suspension shall remain in place until removed by Commission order." This is intended to clarify the Commission's inherent

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<sup>20</sup>See D&O 37787 at 32; see also, Proposed PIM Tariff, Sheet No. 98D.3.8.

<sup>21</sup>See D&O 37787 at 14.



authority to examine or modify the operation of any of the PIMs at any time.<sup>22</sup>

A black-lined version of the Proposed PIM Tariff for HECO reflecting the Commission's modifications is attached as an exhibit to this Order. Hawaiian Electric shall submit on June 1, 2021, finalized versions of the PIM tariff for each of the Companies and divisions consistent with and incorporating the modifications identified in this Order.<sup>23</sup> The final PIM tariff shall have an effective date of June 1, 2021.<sup>24</sup>

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<sup>22</sup>See D&O 37787 at 6 (citing D&O 37507 at 188 (clarifying that "the Commission retains discretion to examine any PBR mechanism(s) at any time.")).

<sup>23</sup>The exhibit attached to this Order identifies amendments to the proposed tariffs for HECO shown in blackline format. The indicated amendments shown for HECO are intended to be applied to the tariffs for each Company and each Division appropriately.

Any instances where the language in the attached exhibit differs from the language in the proposed tariffs filed by the Companies on May 24, 2021, in ways other than the amendments shown in blackline format, are not intentional.

<sup>24</sup>See D&O 37507 at 165 (contemplating an effective date of June 1, 2021).

III.

ORDERS

THE COMMISSION ORDERS:

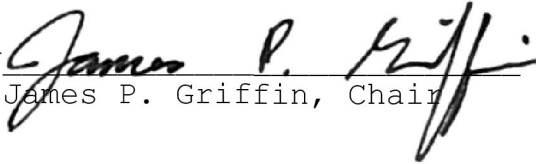
1. Hawaiian Electric's Proposed PIM Tariff, filed on May 24, 2021, is approved, subject to the modifications set forth herein and reflected in the attached exhibit.

2. Hawaiian Electric shall re-submit a final PIM tariff for each of the Companies and divisions consistent with this Order on June 1, 2021, which shall have an effective date of June 1, 2021.

DONE at Honolulu, Hawaii MAY 27, 2021.

PUBLIC UTILITIES COMMISSION  
OF THE STATE OF HAWAII

By

  
James P. Griffin, Chair


By

  
Jennifer M. Potter, Commissioner

APPROVED AS TO FORM:

  
Mark Kaetsu  
Commission Counsel

By

  
Leodoloff R. Asuncion, Jr., Commissioner

2018-0088.ljk

PERFORMANCE INCENTIVE MECHANISM PROVISION

Introduction

This Performance Incentive Mechanism ("PIM") Provision provides for the determination of a PIM Financial Incentive for each approved PIM for each Evaluation Period, as specified below.

The sum of the PIM Financial Incentives determined for all PIMs for the Evaluation Period will be the Performance Incentive Adjustment, which will be applied as an adjustment to the effective Target Revenue and will be recovered from or credited to customers through the RBA Rate Adjustment, as defined by and in accordance with the terms of the Revenue Balancing Account ("RBA") Provision.

PIM Provision Transmittals

On or before February 28 of the year following an Evaluation Period, the Company shall file schedules and other supporting workpapers documenting all known pertinent information supporting attained PIM Financial Incentives.

On or before March 31 of the year following an Evaluation Period, the Company shall file a transmittal documenting the Measured Performance and calculation of the PIM Financial Incentives and Performance Incentive Adjustment for the Evaluation Period ("Performance Review"). Complete, indexed schedules, workpapers and electronic files supporting the transmittal shall be provided with the transmittal. The Company will be prepared to provide information as may be requested to ensure the schedules are in compliance with the ~~above~~ provisions herein and will work collaboratively to reach agreement on any proposed adjustments.

The review of the March 31 PIM Provision transmittal will be conducted concurrent with and in conjunction with the review of the Spring Revenue Report as described in the RBA Provision. Except for the potential of a Performance Incentive Adjustment that begins January 1 as discussed further below, the Performance Incentive Adjustment will be determined annually based on the March 31 PIM Provision transmittal, after review and subject to explicit approval by the Commission.

EXHIBIT

HAWAIIAN ELECTRIC COMPANY, INC.

Transmittal Letter dated March 31, 2021.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

If Measured Performance results are known by October 31 of an Evaluation Period, the Company may seek to have those results included in the Company's Fall Revenue Report as provided in the RBA Provision for a Performance Incentive Adjustment that begins January 1 of the year following the Evaluation Period. In such a case, the Company will file its applicable Performance Review for the applicable PIMs with the Company's Fall Revenue Report. After review and subject to explicit approval by the Commission, the applicable Performance Incentive Adjustment will become effective on January 1 of the year following the Evaluation Period, concurrent and in conjunction with determination of Target Revenues and any RBA Rate Adjustments based on the Fall Revenue Report in accordance with the RBA Provision. Additional rewards or penalties as determined by the March 31 PIM Provision transmittal, after review and explicit approval by the Commission, may adjust the Performance Incentive Adjustment to become effective June 1 of the year following the Evaluation Period.

The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive levels for each of the PIMs shall remain constant in interim periods, unless otherwise amended by order of the Commission.

(Remainder of this sheet is intentionally blank)

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

In the event that Performance Targets, Deadbands or the amounts of Maximum Financial Incentives are updated or amended by order of the Commission during the Evaluation Period, unless otherwise specified by the Commission, the Performance Targets, Deadbands and the amounts of Maximum Financial Incentives used in determining the amount of PIM Financial Incentives shall be a pro-rated weighted average based on the number of days of the Evaluation Period each parameter was effective.

Any revenue adjustments approved in accordance with this PIM Provision shall be included in the determination of the Earnings Sharing Adjustment provided for in the ARA Provision.

The Performance Incentive Adjustment, and any prior year Performance Incentive Adjustment, shall be recalculated for errors in prior calculations and for subsequent Commission orders that change the basis for prior calculations. The effect of such changes shall be implemented as described in the RBA Provision, except that, the Performance Target, Deadband and Maximum Financial Incentive amounts determined in this PIM Provision shall not be recalculated based on errors in the calculation of these parameters and shall remain as specified unless and until changed by order of the Commission.

Evaluation Period

Except as otherwise specified herein, ~~T~~the Evaluation Period is defined as the annual twelve month calendar year period ending December 31, over which Measured Performance is determined and compared to the established Performance Target for each PIM described below.

PIM Financial Incentive Calculation

For the Reliability Performance Incentive Mechanisms and Call Center Performance Incentive Mechanism below, a Performance Target is specified, developed based on historical performance data. A Deadband is specified for each Performance Target in order to provide a satisfactory range of performance within which no reward or penalty amount is assessed.

A Maximum Financial Incentive amount is specified for each applicable PIM with separate identification of a Maximum Reward Amount and a Maximum Penalty Amount.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Measured Performance for the Evaluation Period is compared to the Performance Target for each applicable PIM. If the difference between Measured Performance and the Performance Target is less than or equal to the Deadband amount, no reward or penalty is awarded and the amount of the PIM Financial Incentive is zero. If the difference between Measured Performance and the Performance Target exceeds the Deadband amount, a reward or penalty ratio is calculated where the difference between Measured Performance and the Performance Target, less the Deadband amount, is the numerator and the Deadband amount is the denominator. This ratio is multiplied by either the Maximum Reward Amount or Maximum Penalty Amount, as applicable, to determine the PIM Financial Incentive for each applicable PIM. The magnitude of the PIM Financial Incentive for each applicable PIM shall not exceed 100% of the magnitude of the applicable Maximum Reward Amount or Maximum Penalty Amount established for each applicable PIM.

Reliability Performance Incentive Mechanisms

There are two reliability PIMs: 1) System Average Interruption Frequency Index ("SAIFI"); and 2) System Average Interruption Duration Index ("SAIDI"). SAIFI is a measure of the average frequency of outages, defined as the annual total number of customer interruptions divided by the total number of customers served. SAIDI is a measure of the average duration of outage, defined as the sum of all customer interruption durations (in minutes) divided by the total number of customers served. The SAIFI and SAIDI Measured Performance and Performance Targets are based on transmission and distribution outages and are determined using the IEEE Standard 1366 methodology as adjusted to normalize events in accordance with Docket No. 2019-0110, Decision and Order No. 37600.

For the Reliability Performance Incentive Mechanisms, the 2010-2019 record of historical performance data was used to establish the Performance Target and the Deadband. The Deadband was calculated as  $\pm 1$  standard deviation of the historical performance data. Accordingly, 100% of the penalty is achieved when Measured Performance is equal to or greater than 2 standard deviations from the Performance Target.

SAIFI:

Performance Target: 1.097 interruptions per customer during the one-year Evaluation Period

HAWAIIAN ELECTRIC COMPANY, INC

Transmittal Letter dated March 31, 2021.

Superseding Revised Sheet No. 98B  
Effective September 1, 2018

REVISED SHEET NO. 98B  
Effective June 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Deadband:  $\pm 0.074$  interruptions (1 Standard Deviation)

HAWAIIAN ELECTRIC COMPANY, INC

Transmittal Letter dated March 31, 2021.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Range for no penalty: 1.023 interruptions to 1.171 interruptions  
per customer ( $\pm$  1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 1.171 interruptions per customer

Maximum Reward Amount: Not Applicable

Maximum Penalty Amount: \$2,278,410.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

SAIDI:

Target: 101.09 minutes per outage

Deadband:  $\pm$  9.31 minutes (1 Standard Deviation)

Range for no penalty: 91.78 minutes to 110.40 minutes per outage ( $\pm$  1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 110.40 minutes per outage

Maximum Reward Amount: Not Applicable

Maximum Penalty Amount: \$2,278,410.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Call Center Performance Incentive Mechanism

The Call Center Performance PIM measures the performance of the utility call center in terms of the percentage of calls answered within thirty (30) seconds. The calculation of the call center performance shall exclude blocked calls from the denominator.

HAWAIIAN ELECTRIC COMPANY, INC



Superseding Revised Sheet No. 98C  
Effective September 1, 2018

REVISED SHEET NO. 98C  
Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

The Performance Target for the Call Center Performance Incentive Mechanism was calculated based on the average of quarterly data from Quarter 4 of 2018 to Quarter 3 of 2020.

HAWAIIAN ELECTRIC COMPANY, INC

Docket No. 2019-0110; Final Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Call Center Performance:

Performance Target: 86.14% of calls answered within 30 seconds

Deadband: +/- 3.00% of calls answered within 30 seconds

Range for no reward or penalty: 83.14 % of calls answered to 89.14% of calls answered.

Rewards apply for greater than 89.14 % of calls answered

Penalties apply for less than 83.14 % of calls answered

Maximum Reward Amount: \$911,364.

Maximum Penalty Amount: \$911,364.

The magnitude of the Maximum Reward Amount and Maximum Penalty Amount were determined to be equal to 0.08% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

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PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

RPS-A Performance Incentive Mechanism

The RPS-A PIM rewards the Company's achievement of the State's Renewable Portfolio Standards (RPS) in advance of the statutory RPS prescribed in Hawaii Revised Statutes §269-92 and in advance of interpolated values between the statutory RPSs. Yearly Performance Targets are determined based on the current statutory RPS percentages, with interpolated values used for dates not specified, as discussed below.

Measured performance, the RPS-A Renewable Percentage, shall be calculated annually for Hawaiian Electric, Hawaii Electric Light, and Maui Electric on a consolidated basis. The RPS-A Renewable Percentage shall be calculated as the total system renewable generation divided by total system generation of electricity. The total system renewable generation shall be the Companies' total renewable generation, including renewable generation provided by the Companies' facilities and renewable generation provided to the Companies by independent power producers, plus customer-sited renewable generation. Total system generation of electricity shall be the Companies' total generation, including renewable generation and fossil generation provided by the Companies' facilities and renewable generation and fossil generation provided to the Companies by independent power producers, plus customer-sited renewable generation. Generation provided by the Companies and independent power producers shall be determined on a net-to-system basis. Customer generation shall be determined net of inverter losses. Renewable energy shall be as defined in the RPS Law pursuant to HRS §269-91. The RPS-A Renewable Percentage for the calendar year is compared to the Performance Target and rewards are as determined below. The PIM Financial Incentive for the RPS-A PIM is the reward earned, if any, for the applicable year.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

RPS-A Performance:

Performance Targets by Year: The statutory RPSs for 2020, 2030, and 2045 are the reference Performance Targets, and the Performance Targets for all other years are values interpolated between the statutory RPSs.

The RPS-A Target Percentage in the table below is based on straight line interpolation between the statutory RPS of 30% in 2020 and 40% in 2030, 40% in 2030 and 70% in 2040, and 70% in 2040 and 100% in 2045, in the RPS Law.

| Year | RPS-A<br>Target<br>Percentage |  | Year | RPS-A<br>Target<br>Percentage |  | Year | RPS-A<br>Target<br>Percentage |
|------|-------------------------------|--|------|-------------------------------|--|------|-------------------------------|
| 2021 | 31%                           |  | 2031 | 43%                           |  | 2041 | 76%                           |
| 2022 | 32%                           |  | 2032 | 46%                           |  | 2042 | 82%                           |
| 2023 | 33%                           |  | 2033 | 49%                           |  | 2043 | 88%                           |
| 2024 | 34%                           |  | 2034 | 52%                           |  | 2044 | 94%                           |
| 2025 | 35%                           |  | 2035 | 55%                           |  | 2045 | 100%                          |
| 2026 | 36%                           |  | 2036 | 58%                           |  |      |                               |
| 2027 | 37%                           |  | 2037 | 61%                           |  |      |                               |
| 2028 | 38%                           |  | 2038 | 64%                           |  |      |                               |
| 2029 | 39%                           |  | 2039 | 67%                           |  |      |                               |
| 2030 | 40%                           |  | 2040 | 70%                           |  |      |                               |

Rewards apply if the RPS-A Renewable Percentage for the applicable year exceeds the RPS-A Target Percentage for the applicable year. There is no Performance Incentive award or penalty under this RPS-A PIM if the RPS-A Renewable Percentage does not exceed the RPS-A Target Percentage for the applicable year. Notwithstanding the foregoing, the RPS penalty provisions in Hawaii Revised Statutes §269-92 shall remain in effect.

If a reward under the RPS-A PIM applies for a year, the reward shall be calculated as the total system renewable generation MWh of Hawaiian Electric, Hawaii Electric Light, and Maui Electric that is attributable to the portion of the RPS-A Percentage that exceeds the RPS-A Target Percentage for the applicable year, multiplied by \$20/MWh in 2021 and 2022, \$15/MWh in 2023, and \$10/MWh for remaining years in the Multi-Year Rate Plan. The Rewards under the RPS-A PIM shall be allocated 70% to Hawaiian Electric, 15% to Hawaii Electric Light, and 15% to Maui Electric.

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Grid Service Performance Incentive Mechanism

The Grid Service PIM is an interim PIM that rewards the acquisition of grid services through procurement or programs acquired between January 1, 2021 to December 31, 2022. Eligible grid services include Fast Frequency Response ("FFR"), load build, and/or load reduction services intended to be utilized in system operation. The scope of grid services eligible for this PIM will be grid services acquired with approval by the Commission to broadly include, but not be limited to:

- (1) contracts such as Grid Service Purchase Agreement ("GSPA");
- (2) measures and programs approved in the DER docket (Docket No. 2019-0323); and
- (3) innovative measures or new concepts proposed by the Companies.

Grid Service Performance:

Rewards apply for the Company's acquisition of eligible grid services between January 1, 2021 and December 31, 2022. Acquisition of Grid Services shall be determined based on criteria to be approved by the Commission, including but not limited to the execution of a binding commitment for binding contracts such as GSPA or annual enrollment of customers in an eligible grid services program as approved by the Commission. The Grid Service Reward for an eligible grid service shall be the total kW capacity of the eligible grid service acquired by the Company in the Evaluation Period multiplied by the eligible Grid Service Incentive for that grid service as shown in the table below. The sum of the Grid Service Rewards for all eligible grid services shall be the Company's reward.

| Grid Service   | Grid Service Incentive |
|----------------|------------------------|
| FFR1 & FFR2    | \$13.30 per kW         |
| Load Build     | \$6.30 per kW          |
| Load Reduction | \$6.40 per kW          |

The PIM Financial Incentive for the Grid Service PIM shall be the Grid Service PIM reward for the applicable year, provided that the PIM Financial Incentive for the Grid Service PIM for the 2021 Evaluation Period plus the PIM Financial Incentive for the Grid Service PIM for the 2022 Evaluation Period shall not exceed the Maximum Reward Amount of \$1,000,000, and provided further that the PIM Financial Incentives for the Grid Service PIM for the 2021 and

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

2022 Evaluation Periods for Hawaiian Electric, Hawaii Electric Light, and Maui Electric shall not exceed \$1,500,000 in total.

Penalties: None.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Interconnection Approval Performance Incentive Mechanism

The Interconnection Approval PIM incentivizes the reduction in total interconnection time for Distributed Energy Resource ("DER") systems < 100 kW. Interconnection time will be measured in the mean (average) number of business days it takes the Company to complete all steps within the Company's control to interconnect DER systems < 100 kW in size, in a calendar year. DER systems in closed programs, applications submitted by mail, and applications that are withdrawn are excluded from this calculation. The PIM will be applied to each Company's performance. All steps within the Company's control to interconnect DER systems are defined as "those discrete steps in the interconnection process where the utility is required to take action and needs no further materials or information from the DER customer to take such action." The time within the Company's control for each installation used to determine the average will be capped at two standard deviations above the mean (the "Updated Adjusted Average"). Business days shall exclude Saturdays, Sundays, and Company holidays. The Interconnection Approval PIM will be set for two (2) years, after which the metrics, targets, and incentives will be re-evaluated.

For the Measurement Period consisting of calendar year 2021, applications included in the calculation of this PIM are those projects that are received and energized between January 1, 2021 and December 31, 2021. For subsequent Measurement Periods, applications included in the calculation of this PIM are those projects energized in the applicable calendar year.

For the purposes of this Interconnection Approval PIM, "interconnect" will be defined as energization of a customer's system.

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

For the purposes of this Interconnection Approval PIM, the applicable steps within the Company's control for the Quick Connect Pilot, Early Energization, and Traditional Interconnection process are illustrated below:

| Customer Group              | Step  | Duration Parameter  |
|-----------------------------|---|---|
| Quick Connect Pilot         | Meter Replacement<br>(Point of Energization)  | Start: Contractor request email received date End : Meter installation date             |
| <u>Early Energization</u>   | Completeness Review (CR)  | Start: Last application submittal date End: CR completed date                           |
|                             | Initial Technical Review (ITR)  | Start: Application entered ITR date End: ITR completed date                             |
|                             | Supplemental Review (SR)<br>(if applicable) (included only if started before Meter Replacement) | Start: Application entered SR date End: SR completed date                               |
|                             | CONDITIONAL APPROVAL  |   |
|                             | Meter Replacement<br>(Point of Energization)  | Start: Meter notification created date End : Meter installation date                    |
| Traditional Interconnection | Completeness Review (CR)  | Start: Last application submittal date End: CR completed date                           |
|                             | Initial Technical Review (ITR)  | Start: Application entered ITR date End: ITR completed date                             |
|                             | Supplemental Review (SR)<br>(if applicable)   | Start: Application entered SR date End: SR completed date                               |
|                             | CONDITIONAL APPROVAL  |   |
|                             | Validation  | Start: Last validation submittal date<br>End: Validation completed date (DocuSign sent) |
|                             | Meter Replacement   | Start: Meter notification created date  |

HAWAIIAN ELECTRIC COMPANY, INC



PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

|  |                                      |  |
|--|--------------------------------------|--|
|  |                                      | End: Meter installation date   |
|  | Execution<br>(Point of Energization) | Start: Later of DocuSign completed<br>or meter installation date<br>End: Application Executed<br>(Permission to operate) |

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Interconnection Approval Performance

The Interconnection Approval PIM uses both rewards and penalties to incentivize the Company. Metrics are evaluated on an annual basis.

Rewards will be applied in tiers, as defined in the table below. The maximum reward in any given year is the sum of the three (3) tiers. The Updated Adjusted Average shall be compared to the targets in the table below for the corresponding year for each tier. If the Updated Adjusted Average is equal to or less than the identified targets of a tier in the table below for the corresponding year, the reward identified in the table for the applicable tier(s) shall be awarded to the Company. Rewards for multiple tiers shall be awarded to the Company when the Updated Adjusted Average for a given year achieves applicable targets, in which case the sum of the rewards for those tiers shall be awarded to the Company. The Interconnection Approval PIM reward shall be the sum of all applicable rewards for the corresponding year.

| Interconnection Approval PIM Reward Targets<br>(Targets shown in average number of business days<br>with outliers adjusted) |      |      |      |      |      |
|---|------|------|------|------|------|
| Threshold and Potential Reward Level  | 2021 | 2022 | 2023 | 2024 | 2025 |
| TIER 1: \$1,050,000 for Oahu  | 21   | 18   | 15   | 12   | 9    |
| TIER 2: \$700,000 for Oahu  | 24   | 21   | 18   | 15   | 12   |
| TIER 3: \$350,000 for Oahu  | 27   | 24   | 21   | 18   | 15   |
| Annual Maximum Reward: \$2,100,000 (TIER 1 + TIER 2 + TIER 3)   |      |      |      |      |      |

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Penalties will be applied in tiers, as defined in the table below. The maximum penalty in any given year is the sum of the three (3) tiers. The Updated Adjusted Average for the applicable year shall be compared to the penalty thresholds of each tier for the corresponding year in the table below. If the Updated Adjusted Average for the applicable year is equal to or greater than the penalty thresholds of a tier in the table below for the corresponding year, the penalty identified in the table for the applicable tier shall be applied to the Company. The Interconnection Approval PIM penalty shall be the sum of all applicable penalties for the corresponding year.

| Interconnection Approval PIM Penalty Thresholds<br>(Targets shown in average number of business days<br>with outliers adjusted) |      |      |      |      |      |
|---|------|------|------|------|------|
| Threshold and Potential Penalty Level   | 2021 | 2022 | 2023 | 2024 | 2025 |
| TIER 1: \$315,000 for Oahu  | 42   | 39   | 36   | 33   | 30   |
| TIER 2: \$210,000 for Oahu  | 39   | 36   | 33   | 30   | 27   |
| TIER 3: \$105,000 for Oahu  | 36   | 33   | 30   | 27   | 24   |
| Annual Maximum Penalty: \$630,000 (TIER 1 + TIER 2 + TIER 3)  |      |      |      |      |      |

The PIM Financial Incentive for the Interconnection Approval PIM shall be the Interconnection Approval PIM reward or penalty for the applicable year.

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Low-to-Moderate Income ("LMI") Energy Efficiency Performance  
Incentive Mechanism

The LMI Energy Efficiency PIM incentivizes the Company to collaborate with Hawaii Energy to deliver energy savings for LMI customers. This PIM is not intended to incent the Company to offer its own energy efficiency programs or to compete with Hawaii Energy; rather, the PIM is intended to incent the Company to promote Hawaii Energy programming and to optimize load and customer interactions via tools within their jurisdiction such as rate design and the provision of energy usage data. Three metrics will be used to evaluate Company performance, as described below:

Metric 1 ("Energy Savings"): Residential Hard-to-Reach ("RHTR") Energy (kWh) Savings Beyond Hawaii Energy's Target

Metric: Sum of Hawaii Energy RHTR program verified kWh energy savings, and any Commission-approved and verified energy savings for LMI customers resulting from advanced rate design and any future co-deployed Hawaii Energy and Hawaiian Electric energy efficiency programs.

Threshold: 100% of Hawaii Energy's kWh target energy savings as set forth in its Commission approved annual plan for RHTR programs.

Reward structure: A \$/kWh reward factor for energy saved above the threshold, determined based on the projected benefits, costs, and impacts for Hawaii Energy's Commission-approved annual plan for RHTR programs.

Calculated as: 50% of projected net program energy related benefits per targeted kWh. Projected net program energy-related benefits will be equal to 85% of the targeted annual RHTR programs Total Resource Benefit ("TRB") as determined in Hawaii Energy's approved annual plan, minus 85% of Hawaii Energy's total annual RHTR budget (including incentive and non incentive costs).

The TRB, budget, and kWh target inputs to the reward factor will be updated annually in accordance with Hawaii Energy's approved annual plan.

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Summary: The Companies' Energy Savings PIM Financial Award will be equal to the thus-calculated \$/kWh reward factor times the amount of kWh energy verified savings, as defined herein, that exceed 100% of Hawaii Energy's annual "Residential Hard-to-Reach" kWh savings target as approved for their performance award, up to the maximum financial award for this PIM.

Metric 2 ("Peak Demand Reduction"): RHTR Peak Demand (kW) Reduction Beyond Hawaii Energy's Target

Metric: Sum of Hawaii Energy RHTR program verified peak demand reductions, and any Commission-approved and verified peak demand reductions for LMI customers resulting from advanced rate design and any future co-deployed Hawaii Energy and Hawaiian Electric energy efficiency programs.

Threshold: 100% of Hawaii Energy's kW target peak demand reduction as set forth in its Commission-approved annual plan for RHTR programs.

Reward structure: A \$/kW reward factor for peak demand reductions beyond the threshold, determined based on the projected benefits, costs, and impacts for Hawaii Energy's Commission-approved annual plan for RHTR programs.

Calculated as: 50% of projected net demand-related program benefits per targeted kW. Projected net demand-related program benefits will be equal to 15% of the targeted annual RHTR programs TRB as determined in Hawaii Energy's approved annual plan, minus 15% of Hawaii Energy's total annual RHTR budget (including incentive and non-incentive costs).

The TRB, budget, and kW target inputs to the reward factor will be updated annually in accordance with Hawaii Energy's approved annual plan.

Summary: The Companies' Peak Demand Savings PIM Financial Award will be equal to the thus-calculated \$/kW reward factor times the amount of kW peak demand verified savings, as defined herein, that exceed 100% of Hawaii Energy's annual RHTR kW peak demand reduction target as approved for their performance award, up to the maximum financial award for this PIM.

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Metric 3 ("Program Participation"): A&A Customers Served Beyond Hawaii Energy's Target

Metric: The sum of program participants each year ("customers served") in Hawaii Energy "Residential A&A (Single & Multifamily Direct Install, Water Heating Direct Install, Bulk Appliance)" programs ("Residential A&A Programs"), and any Commission-approved and verified LMI participants in advanced rate design and any future co-deployed Hawaii Energy and Hawaiian Electric energy efficiency programs.

Threshold: 100% of Hawaii Energy's annual customers served performance award target for the Residential A&A Programs.

Reward structure: A reward factor equal to \$/customer served above the threshold, calculated as: 50% of Hawaii Energy's targeted first year bill savings (\$) from Residential A&A Programs divided by Targeted Residential A&A Customers served in Hawaii Energy's Commission-approved annual plan for Residential A&A programs.

All inputs to the reward factor will be updated annually in accordance with Hawaii Energy's approved annual plan.

Summary: The Program Participation PIM Financial Award will be equal to the thus calculated \$/customer served reward factor times the verified number of customers served, as defined herein, that exceed 100% of Hawaii Energy's annual "Residential A&A Programs" customers served target as approved for their performance award, up to the maximum financial award for this PIM.

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

The LMI Energy Efficiency PIM Reward shall be the sum of the Energy Savings PIM Financial Award, the Peak Demand Savings PIM Financial Award, and the Program Participation PIM Financial Award for the applicable year. The LMI Energy Efficiency PIM Reward calculation is based on consolidated performance across the Hawaiian Electric Companies (i.e., reported together as one company), with the consolidated reward capped at \$2 million, annually, across all three metrics combined. The LMI Energy Efficiency PIM Reward shall be allocated 70% to Hawaiian Electric, 15% to Hawaii Electric Light, and 15% to Maui Electric.

The LMI Energy Efficiency PIM performance for all metrics will be measured based on the Hawaii Energy program year. The initial evaluation year for this PIM shall be the period July 1, 2021 through June 30, 2022.

The PIM Financial Incentive for the LMI Energy Efficiency PIM shall be the Company's allocated LMI Energy Efficiency PIM Reward for the applicable year. The Company may include the PIM Financial Incentive for the LMI Energy Efficiency PIM in the Company's Fall Revenue Report to be included for consideration in target revenues and the RBA Rate Adjustment effective January 1 of the following year.

The LMI Energy Efficiency PIM will be set for three (3) years, after which the metrics, targets, and incentives will be re-evaluated.

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

A summary of the LMI Energy Efficiency PIM is provided in the table below:

| LMI Energy Efficiency PIM Summary   |        |   |          |
|---|--------|---|----------|
| Description   | Line # | Representative Figure/Calculation               | Units    |
| <b>Metric 1, Energy Savings</b>   |        |   |          |
| Target Residential Hard to Reach (RHTR) energy savings  | L1     | kWh savings                                     | kWh      |
| RHTR total budget (includes incentive and non-incentive costs; 85% allocated to energy savings)   | L2     | Dollars * 0.85                                  | \$       |
| Target RHTR Total Resource Benefits (TRB) (85% allocated to energy savings)                       | L3     | Dollars * 0.85                                  | \$       |
| Net utility system benefit per kWh (TRB minus budget per target kWh savings)                      | L4     | $(L3-L2)/L1$                                    | (\$/kWh) |
| Net benefit share to the Companies (reward factor for energy savings above target)                | L5     | $L4 * 0.5$                                      | (\$/kWh) |
| Total energy savings reward   | L6     | $(\text{Total verified kWh savings} - L1) * L5$ | \$       |
| <b>Metric 2, Peak Demand Reduction</b>  |        |   |          |
| Target RHTR demand reduction  | L7     | kW reduction                                    | kW       |
| RHTR total budget (includes incentive and non-incentive costs; 15% allocated to demand reduction) | L8     | Dollars * 0.15                                  | \$       |
| Target RHTR TRB (15% allocated to demand reduction)   | L9     | Dollars * 0.15                                  | \$       |
| Net utility system benefit per kW reduced (TRB minus budget per target kW reduced)                | L10    | $(L9-L8)/L7$                                    | (\$/kW)  |
| Net benefit share to the Companies (reward factor for demand reduction above target)              | L11    | $L10 * 0.5$                                     | (\$/kW)  |
| Total demand reduction reward   | L12    | $(\text{Total verified kW savings} - L7) * L11$ | \$       |

HAWAIIAN ELECTRIC COMPANY, INC



PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

| LMI Energy Efficiency PIM Summary  |        |   |                    |
|--|--------|---|--------------------|
| Description  | Line # | Representative Figure/Calculation             | Units              |
| <b>Metric 3, Participation</b>   |        |   |                    |
| Target Residential A&A customers served  | L13    | Customers served                              | #                  |
| Target Residential A&A first-year bill savings                                       | L14    | Dollars                                       | \$                 |
| First-year bill savings per target customer served                                   | L15    | L14/L13                                       | \$/Customer served |
| Net benefit share to the Companies (reward factor for customers served above target) | L16    | L15 * 0.5                                     | \$/Customer served |
| Total participation reward   | L17    | (Total realized customers served - L13) * L16 | \$                 |
| <b>Total Reward</b>  |        |   |                    |
| Total PIM reward   | L18    | L6 + L12 + L17 (capped at \$2 million/year)   | \$                 |

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Advanced Metering Infrastructure (AMI) Utilization Performance  
Incentive Mechanism

The AMI Utilization PIM incentivizes the Companies to leverage grid modernization investments and engage customers beyond what is already planned in the Phase 1 Grid Modernization program. Performance for this PIM will be determined by a percentage calculation. A customer is an "AMI Utilization Customer" and counted in the numerator of the percentage calculation if the customer has an advanced meter installed and at least two of the following three benefits are delivered to the customer by year end:

"Customer Authorization" Benefit. The Customer Authorization Benefit is delivered if the customer authorizes the sharing of interval data with third parties. This refers to customers with advanced meters who authorize the Companies to share the customer's interval data with third parties through Green Button Connect My Data or an alternative mechanism.

"Energy Usage Alert" Benefit. The Energy Usage Alert Benefit is delivered if customer energy usage alerts are provided to the customer. This refers to customers with advanced meters who sign up, via the Companies' Customer Energy Portal ("Energy Portal") or by other means, for customer energy usage alerts. Usage alerts should allow customers to choose a preferred delivery method (e.g., text, email, phone call, etc.). Usage alerts do not include alerts or information delivered solely through appearance on a customer's energy portal display.

"Program Participation" Benefit. The Program Participation Benefit is delivered if the customer newly enrolls in open and next generation TOU and DER programs. This refers to customers with advanced meters who newly enroll in open existing time-varying tariffs or DER programs, as well as any new time-varying tariffs or DER programs that result from the Commission's ongoing DER investigation in Docket No. 2019-0323.

The total number of customers used in the denominator of the percentage calculation will be the total number of customers at year end. Both the AMI Utilization Customers and the total number of customers will be specific to Oahu, Hawaii Island, and Maui County. The AMI Utilization PIM will be set for three (3) years, after which the metrics, targets, and incentives will be re-evaluated.

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

AMI Utilization Performance:

The AMI Utilization PIM uses rewards to incentivize the Company, penalties do not apply. Metrics are evaluated on an annual basis.

Rewards will be applied as described in the table below.

| AMI Utilization PIM Reward Targets<br>(AMI Utilization Customers at year end divided by total number<br>of customers at year end)  |      |      |      |
|--|------|------|------|
| Target and Potential Reward Level  | 2021 | 2022 | 2023 |
| Reward opportunities for meeting upper<br>target:<br>\$1,400,000 for Oahu  | 5%   | 15%  | 30%  |
| If the Company's performance falls between the lower and upper<br>targets, the Company will be eligible for a reward that<br>corresponds to a linear interpolation between the minimum and<br>maximum rewards. |      |      |      |
| Reward opportunities for meeting lower<br>target:<br>\$700,000 for Oahu  | 2.5% | 10%  | 20%  |

The PIM Financial Incentive for the AMI Utilization PIM shall be the AMI Utilization PIM reward for the applicable year.

HAWAIIAN ELECTRIC COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

**Additional PIMs:**

The Commission may order the establishment of one or more PIMs, and the targets, deadbands, rewards, penalties, and allocations for that PIM, as applicable, shall be implemented as specified in the Commission's order that approved the applicable PIM, and the applicable PIM Financial Incentive shall be included in the Performance Incentive Adjustment.

Commission's Authority

The Commission may suspend, modify, or terminate any or all parts of this PIM Provision. ~~Such~~Any suspension shall remain in place until removed by Commission order.

(Remainder of this sheet is intentionally blank)

PERFORMANCE INCENTIVE MECHANISM PROVISION

Historical Reference

The following table summarizes the prior PIMs in effect, as these values may be applicable during certain portions of the Evaluation Period.

| PIM:        | Effective Period:        | Performance Target:                     | Deadband: | Maximum Reward: | Maximum Penalty: |
|-------------|--------------------------|---|-----------|-----------------|------------------|
| SAIFI       | 1/1/2018 thru 2/15/2018  | 1.116 interruptions per customer        | +/- 0.090 | N/A             | \$2,039,094      |
| SAIFI       | 2/16/2018 thru 4/12/2018 | 1.116 interruptions per customer        | +/- 0.090 | N/A             | \$2,260,799      |
| SAIFI       | 4/13/2018 thru 8/31/2018 | 1.116 interruptions per customer        | +/- 0.090 | N/A             | \$2,276,417      |
| SAIFI       | 9/1/2018 thru 3/31/2021  | 1.103 interruptions per customer        | +/- 0.088 | N/A             | \$2,276,417      |
| SAIDI       | 1/1/2018 thru 2/15/2018  | 99.03 minutes Per outage                | +/- 9.07  | N/A             | \$2,039,094      |
| SAIDI       | 2/16/2018 thru 4/12/2018 | 99.03 minutes Per outage                | +/- 9.07  | N/A             | \$2,260,799      |
| SAIDI       | 4/13/2018 thru 8/31/2018 | 99.03 minutes Per outage                | +/- 9.07  | N/A             | \$2,276,417      |
| SAIDI       | 9/1/2018 thru 3/31/2021  | 99.23 minutes Per outage                | +/- 8.96  | N/A             | \$2,276,417      |
| Call Center | 1/1/2018 thru 2/15/2018  | 79.07% of calls answered within 30 sec. | +/- 3.00% | \$815,638       | \$815,638        |
| Call Center | 2/16/2018 thru 4/12/2018 | 79.46% of calls answered within 30 sec. | +/- 3.00% | \$904,320       | \$904,320        |
| Call Center | 4/13/2018 thru 8/31/2018 | 79.56% of calls answered within 30 sec. | +/- 3.00% | \$910,567       | \$910,567        |

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

|                |                               |   |           |           |           |
|----------------|-------------------------------|---|-----------|-----------|-----------|
| Call<br>Center | 9/1/2018<br>thru<br>3/31/2021 | 80.10% of<br>calls answered<br>within 30 sec. | +/- 3.00% | \$910,567 | \$910,567 |
|----------------|-------------------------------|---|-----------|-----------|-----------|

HAWAIIAN ELECTRIC COMPANY, INC

Transmittal Letter dated March 31, 2021.

CERTIFICATE OF SERVICE

Pursuant to Order No. 37043, the foregoing order was served on the date it was uploaded to the Public Utilities Commission's Document Management System and served through the Document Management System's electronic Distribution List.

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COMMISSION

The foregoing document was electronically filed with the State of Hawaii Public Utilities Commission's Document Management System (DMS).